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UNITED STATES DEPARTMENT OF AGRICULTURE

Bureau of Agricultural Engineering
and
Office of Cooperative Extension WorkWORK STOCK REQUIREMENTS ON FARMS IN NINE COTTON PRODUCING STATES,
AS INDICATED BY CROP ACRES PER FARMCompiled by S. P. Lyle, Senior Agricultural Engineer,
from 1930 Census statisticsSummary for the Nine States -- North Carolina, South Carolina, Georgia,
Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas.

Farm	Mules required	Crop acres	Farms in group	
Group	per farm	harvested	Number	Per cent
*		per farm		
1	Less than one mule	under 14	405,579	17.1
2	One mule	15 to 29	975,684	41.2
3	Two mules	30 to 39	372,984	15.8
4	Two mules	40 to 56	263,385	11.1
5	Three to four	57 to 100	194,932	8.3
6	Over four	Over 100	153,865	6.5
Total			2,366,429	100.0

* The group classification relates to the crop acres harvested per farm as follows:

1. Crop acreage too small to relate to the two-mule enterprise.
2. Typical "cropper" group. Cropper units may be combined.
3. Two-mule enterprise with insufficient crop acreage. This uneconomic group is not found in the Oklahoma and Texas tables.
4. Two-mule acreage on which team implement operations may be readily applied. Often a two-horse cultivator is the only new implement needed.
5. The percentage in this group is insignificant except in Oklahoma and Texas, but cropper operated farms in other states are entering this group by changes in operation plans. The three-horse size should be avoided as uneconomic in most cases.
6. Large team and tractor farms. This class affords some solutions applicable to cropper farmed plantations, but consists of many enterprises other than cotton farming.

* * Requirements by States are listed on back of this sheet.

(OVER)

Workstock Requirements on Farms Listed by States

Farm	Crop acres:	North Carolina		South Carolina		Georgia	
Group:	harvested	No. of	Per	No. of	Per	No. of	Per
*	per farm	farms	cent	farms	cent	farms	cent
1	:Under 14	: 57,903:	20.7	: 35,916 :	22.7	: 26,049 :	10.2
2	:15 to 29	:170,165:	60.8	: 63,297 :	40.1	: 97,150 :	38.0
3	:30 to 39	: 45,286:	16.2	: 48,766 :	30.9	: 69,751 :	27.3
4	:40 to 56	: 4,930:	1.8	: 4,919 :	3.1	: 50,829 :	19.9
5	:57 to 100	: 1,121:	0.4	: 3,403 :	2.2	: 8,180 :	3.2
6	: Over 100	: 303:	0.1	: 1,625 :	1.0	: 3,639 :	1.4
Totals		:279,708:	100.0	:157,931 :	100.0	:255,598 :	100.0

Farm	Crop acres:	Alabama		Mississippi		Arkansas	
Group:	harvested	No. of	Per	No. of	Per	No. of	Per
*	per farm	farms	cent	farms	cent	farms	cent
1	:Under 14	: 38,755:	15.1	: 93,754 :	30.0	: 48,680 :	20.1
2	:15 to 29	:115,123:	44.7	:202,984 :	64.9	: 98,162 :	40.5
3	:30 to 39	: 87,706:	34.1	: 8,133 :	2.6	: 80,413 :	33.2
4	:40 to 56	: 13,644:	5.3	: 5,528 :	1.8	: 8,665 :	3.6
5	:57 to 100	: 1,527:	0.6	: 1,649 :	0.5	: 4,985 :	2.0
6	: Over 100	: 640:	0.2	: 615 :	0.2	: 1,429 :	0.6
Totals		:257,395:	100.0	:312,663 :	100.0	:242,334 :	100.0

Farm	Crop acres:	Louisiana		Oklahoma		Texas	
Group:	harvested	No. of	Per	No. of	Per	No. of	Per
*	per farm	farms	cent	farms	cent	farms	cent
1	:Under 14	: 46,248:	28.6	: 12,172 :	6.0	: 46,102 :	9.3
2	:15 to 29	: 75,082:	46.5	: 33,055 :	16.2	:120,666 :	24.4
3	:30 to 39	: 32,929:	20.4	: -- :	--	: -- :	--
4	:40 to 56	: 3,026:	1.9	: 48,362 :	23.7	:123,482 :	24.9
5	:57 to 100	: 2,511:	1.6	: 64,685 :	31.7	:106,866 :	21.6
6	: Over 100	: 1,649:	1.0	: 45,592 :	22.4	: 93,373 :	19.8
Totals		:161,445:	100.0	:203,866 :	100.0	:495,489 :	100.0

* See footnotes on preceeding page.